

THE PORT AUTHORITY  
OF NEW YORK

ENGINEERING PROGRAM MANAGER  
WORLD TRADE  
CENTER  
ELECTRICAL ENGINEER

No. Date Revision Approved

ENGINEERING DEPARTMENT

WORLD  
TRADE  
CENTER

ELECTRICAL

Title  
FIRE ALARM SYSTEM  
PHASE III  
5 WTC MER'S, EMR'S  
AND SUBSTATIONS

STYLE-7 IMPLEMENTATION  
AND NETWORKING  
RISER DIAGRAM

This drawing subject to conditions in Contract. All  
inventions, ideas, designs and materials reserved to Port Authority and may not be used  
without its written consent.

FELDMAN ROYMAN  
Designed by Drawn by Checked by

5-17-99

WTC-801.571 E-2  
Contract Number Drawing Number

NOTES:

1. FOR LEGEND, ABBREVIATIONS & GENERAL NOTES, SEE DWG E-1.
2. INSTALL NTC AND XNET CABINETS, CONDUITS, AS SHOWN.
3. DISCONNECT AND PULL OUT 28 PAIRS OF CABLES FROM NTC-11 AT 7th FLOOR FA CLOSET TO PULL BOX "B", VIA CONDUIT "B2".
4. DISCONNECT AND REMOVE 14 PAIRS OF CABLES FROM NTC-58 AT 9th FLOOR FA CLOSET, TO PULL BOX "B", AT 7th FLOOR, VIA CONDUIT "B1".
5. INSTALL 28 PAIRS OF CABLE FROM NTC-X5 ON 9th FLOOR MER TO PULL BOX "C", VIA CONDUIT "B2".
6. INSTALL 14 PAIRS OF CABLE FROM PULL BOX "C" ON 9th FLOOR TO NTC-58 AT 9th FLOOR FA CLOSET, VIA CONDUIT "B1".
7. INSTALL 14 PAIRS OF CABLE FROM PULL BOX "C" ON 9th FLOOR TO PULL BOX "B" ON 7th FLOOR, VIA CONDUIT "B1".
8. INSTALL 28 PAIRS OF CABLE FROM PULL BOX "B" ON 7th FLOOR FA CLOSET, VIA CONDUIT "B2", AND RECONNECT TO SAME TERMINALS.
9. DISCONNECT AND REMOVE 5 PAIRS OF CABLE FROM NTC-58 AT 9th FLOOR FA CLOSET TO NTC-F, VIA CONDUIT "C2".
10. INSTALL 6 PAIRS OF CABLE FROM NTC-58 ON 9th FLOOR FA CLOSET TO NTC-F, VIA CONDUIT "C2".
11. DISCONNECT AND PULL OUT 28 PAIRS OF CABLE VIA CONDUIT "B2-1" FROM NTC-12 ON B1 LEVEL FA CLOSET TO PULL BOX "A".
12. REINSTALL 14 PAIRS OF CABLE, THAT ARE LABELED UP, IN CONDUIT "B1" FROM PULL BOX "A" TO NTC-13.
13. REINSTALL 14 PAIRS OF CABLE, THAT ARE LABELED DOWN, BACK FROM PULL BOX "A" TO NTC-12 VIA CONDUIT "B2-1".
14. INSTALL 4 PAIRS OF CABLE FROM NTC-1 AT B1 LEVEL FA CLOSET TO NTC-12, VIA EXISTING CONDUIT "C2" (LEAVE EXISTING 2 PAIRS OF CABLE IN "C2"). THERE IS TOTAL OF 6 PAIRS IN CONDUIT "C2".
15. DISCONNECTION AND FINAL CONNECTION OF CABLES SHALL BE MADE BY CONTRACTOR IN THE PRESENCE OF THE ENGINEER.

I HEREBY CERTIFY THAT THIS IS A TRUE AND CORRECT COPY OF ONE OF THE CONTRACT DRAWINGS CONSTITUTING A PART OF CONTRACT NO. 111-94-07 IN THE FORM IN WHICH SAID DRAWINGS EXISTED AT THE TIME THE SAID CONTRACT WAS EXECUTED BY THE PARTIES.  
DATE 11/1/99  
DATE 12/14/99  
CONTRACT ENGR/ARCH.  
ENGINEERING PROGRAM MGR.

CIRCUITRY LEGEND

- "A" CONDUIT "A" - 14-14/2 SHIELDED TEFLON CABLES IN 1 1/2" GSC
- "A1" CONDUIT "A1" - 16-14/2 SHIELDED TEFLON CABLES IN 2" GSC
- "A2" CONDUIT "A2" - 16-14/2 SHIELDED TEFLON CABLES IN 1 1/2" GSC
- "B" CONDUIT "B" - 14-14/2 SHIELDED TEFLON CABLES IN 1 1/2" GSC
- "B1" CONDUIT "B1" - 14-14/2 SHIELDED TEFLON CABLES IN 1 1/2" GSC
- "B2" CONDUIT "B2" - 28-14/2 SHIELDED TEFLON CABLES IN 2" GSC
- "B2-1" CONDUIT "B2-1" - 28-14/2 SHIELDED TEFLON CABLES IN 2" GSC
- "C" CONDUIT "C" - 2-14/2 SHIELDED TEFLON CABLES IN 2" GSC
- "C1" CONDUIT "C1" - 5-14/2 SHIELDED TEFLON CABLES IN 2" GSC
- "C2" CONDUIT "C2" - 6-14/2 SHIELDED TEFLON CABLES IN 2" GSC
- "D" CONDUIT "D" - 7-14/2 SHIELDED TEFLON CABLES IN 3" GSC
- "D1" CONDUIT "D1" - 8-14/2 SHIELDED TEFLON CABLES IN 3" GSC

